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What I claim is:

1. An improved gelatinous composition comprising ...al gel formed from (I) 100 parts by weight of one or more linear, bran... d (radial), or multiarm block copolymers or mixtures of two or more such blo... ...aid block copolymers having one or ...ocks, said midblocks comprising on... ...antially crystalline polyethylene ...nd with (I) one or more amorphou... ...r (ii) without amorphous midblocks, in ...ination with or without a selected amoun... ...more of (II) a polymer or copolymer, and selected amounts of (III) a plasticizing oil suf... ...achieve gel rigidities of from less than about 2 gram Bloom to about 1,800 gram Bloom, ...oviso when said (I) block copolymers without any amorphous midblocks are combined ... ...st one block copolymer having at least one amorphous midblock, that said midbloc... c (I) block copolymers forming said crystal gel comprises a selected amount of crystall...ity ...ient to exhibit a melting endotherm of at least about 40°C as determined by DSC curve.

2. An improved gelatinous composi... ...mprising: a non-tacky crystal gel formed from (I) 100 parts by weight of one or more ... same block copolymers or mixtures of two or more of a different block copolymers, said block ...olymers having the formula poly(styrene-ethylene-ethylene-butylene-styrene), poly(styrene-ethyle... ...ethylene-propylene-styrene), poly(styrene-ethylene-ethylene-butylene$_{25}$-styrene), poly(styrene-eth... ...ne-ethylene-propylene-ethylene-styrene), poly(styrene-ethylene-propylene-ethylene-styrene... ...oly(styrene-ethylene-propylene-ethylene-ethylene-propylene-styrene), poly(styrene-ethylene-eth... ...e-butylene)$_n$, poly(styrene-ethylene-ethylene-propylene)$_n$, poly(styrene-ethylene-ethylene-bu... ...ne$_{25}$)$_n$, poly(styrene-ethylene-ethylene-propylene-ethylene)$_n$, poly(styrene-ethylene-propylen... ...lene)n, poly(styrene-ethylene-propylene-ethylene-ethylene-propylene)$_n$, midblocks comp... ...one or more substantially crystalline polyethylene midblock segment(s), wherein subscrip... two or more; wherein said (I) block copolymers in combination with or without a selected ar... of one or more of (II) a polymer or copolymer, and selected amounts of (III) a plasticizi... sufficient to achieve a gel rigidity of from less than about 2 gram Bloom to about 1,800 gra... om, wherein said gel is capable of exhibiting greater tear resistance or greater fatigue resistance ... a gel having a corresponding rigidity made from a substantially amorphous poly(styrene... ...ylene-butylene-styrene) or poly(styrene-ethylene-propylene-styrene) block copolymers having sub...ially non-crystalline polyethylene midblock segments.

3. A gel acc... ...g to claim 1 or 8, wherein said gel exhibits in differential scanning calorimeter (DSC) a melting endo... ...n of about 25°C, 28°C, 29°C, 30°C, 31°C, 32°C, 33°C, 34°C, 35°C, 36°C, 37°C, 38°C, 39°C, 40°C, 41... ...°C, 43°C, 44°C, 45°C, 46°C, 47°C, 48°C, 49°C, 50°C, 51°C, 52°C, 53°C, 54°C, 55°C, 56°C, 57°C, 5... ...°C, 60°C, 61°C, 62°C, 63°C, 64°C, 65°C, 66°C, 67°C, 68°C, 69°C, 70°C, 71°C,

72°C, 73°C, 74°C, 75°C, 76°C, 77°C, 78°C, 79°C, 80°C ... °C, or 120°C.

4. A gel according to claim 1 or 2, wherein sai... rential scanning calorimeter (DSC) a melting endotherm of about 25°C, 28°C, ..., 32°C, 33°C, 34°C, 35°C, 36°C, 37°C, 38°C, 39°C, 40°C, 41°C, 42°C, 43°C, 44°C, 45°C, ..., 49°C, 50°C, 51°C, 52°C, 53°C, 54°C, 55°C, 56°C, 57°C, 58°C, 59°C, 60°C, 61°C, 62°C, ..., 66°C, 67°C, 68°C, 69°C, 70°C, 71°C, 72°C, 73°C, 74°C, 75°C, 76°C, 77°C, 78°C, 79°C ...00°C, 110°C, or 120°C.

A gel according to claim 4, wherein said ... denoted by G, is physically interlocked with a ...elected material M forming the combination C... M_nG_n, $M_nG_nM_n$, $M_nG_nG_nM_n$, $G_nM_nM_nG_n$, $G_nM_nG_nM_nG_n$, $M_nM_nM_nG_n$, $M_nM_nM_nG_nM_nM_n$ ... permutation of one or more of said G_n with M_n; wherein when n is a subscript of M, n is th... different selected from the group consisting of paper, foam, plastic, fabric, metal, metal foil, conc... ...d, glass, glass fibers, ceramics, synthetic resin, synthetic fibers or refractory materials; a... ...in when n is a subscript of G, n denotes the same or a different gel rigidity.

6. A gel according to claim 1 or 2, ... n said gel is being denoted by G, is physically interlocked with a selected material M or in comb... ...i with one or more of the same gel or a different gel forming a composite of the combination G_nG... G_n, G_nM_n, $G_nM_nG_n$, $M_nG_nM_n$, $M_nG_nG_n$, $M_nM_nM_nG_nM_n$, $M_nG_nG_nM_n$, $G_nM_nG_nG_n$, $G_nG_nM_nM$... ...M_nG_n, $G_nG_nM_nG_nM_nG_nG_n$, $G_nM_nG_nM_nM_n$, $M_nG_nM_nG_nM_nG_n$, $G_nG_nM_nM_nG_n$, $G_nG_nM_nG_nM_n$, $G_nG_...$ ...M_nG_n, $G_nM_nG_nM_nG_n$, $M_nM_nM_nG_n$, $M_nM_nM_nG_nM_nM_nM_n$ or a permutation of one or more of sai... with M_n; wherein when n is a subscript of M, n is the same or different selected from the group ... sting of paper, foam, plastic, fabric, metal, metal foil, concrete, wood, glass, glass fibers, cerami... ...thetic resin, synthetic fibers or refractory materials; and wherein when n is a subscript of G, n d... ...he same or a different gel rigidity.

7. A gel according to cl... ...2, wherein said gel being formed into a gel hand exercising grip, a gel shape floss suitable for ... dental floss, a gel crutch ... cushion, a gel cervical pillow, a gel bed wedge pillow, a gel leg re... neck cushion, a gel mattress, a gel bed pad, a gel elbow pad, a gel dermal pad, a gel wheelc... ...ion, a gel helmet liner, a gel cold and hot pack, a gel exercise weight belt, a gel traction pad ... ...el cushion for splints, a gel sling, a gel brace for the hand, wrist, finger, forearm, knee, leg, cl... ...ulder, foot, ankle, neck, back, rib, a gel sole for orthopedic shoe, a gel shaped toy article, a ... , cladding for cushioning optical fibers from bending stresses, a gel swab tip, a gel fishing bat... ...l against pressure, a gel thread, a gel strip, a gel yarn, a gel tape, a weaved gel cloth, a gel fabri... balloon for valvuloplasty of the mitral valve, a gel trointestinal balloon dilator, a gel esoph... ...lloon dilator, a gel dilating balloon catheter use in coronary angiogram, a gel condom, a gel toy ... ...l, a gel surgical and examination glove, a self sealing enclosures for splicing electrical and tele... cables and wires, a gel film, or a gel liner.

8. A gel according to claim 5, wherein said co… ormed into a gel hand exercising grip, a gel shape floss suitable for use as a dental floss, a …nion, a gel cervical pillow, a gel bed wedge pillow, a gel leg rest, a gel neck cushion, a …gel bed pad, a gel elbow pad, a gel dermal pad, a gel wheelchair cushion, a gel heli… cold and hot pack, a gel exercise weight belt, a gel traction pad or belt, a gel cushion fc… sling, a gel brace for the hand, wrist, finger, forearm, knee, leg, clavicle, shoulder, foot, a… …, rib, a gel sole for orthopedic shoe, a gel shaped toy article, a gel optical cladding for …ptical fibers from bending stresses, a gel swab tip, a gel fishing bate, a gel seal against pres… …ead, a gel strip, a gel yarn, a gel tape, a weaved …l cloth, a gel fabrics, a gel balloon fo… …asty of the mitral valve, a gel trointestinal balloon dilator, a gel esophageal balloon dilator, …la…ng balloon catheter use in coronary angiogram, a gel condom, a gel toy balloon, a gel surgi… …xamination glove, a self sealing enclosures for splicing electrical and telephone cables and wi… …m, or a gel liner.

9. A composite of claim 6 sha… …form of a gel liner for lower limb or above the knee amputee prosthesis formed by inje… …ding, extruding, spinning, casting, or dipping of said gel, wherein said gel comprises at lea… …block copolymer of poly(styrene-ethylene-ethylene-propylene-styrene), poly(styrene-… …ne-ethylene-propylene)$_n$, poly(styrene-ethylene-ethylene-butylene-styrene), or poly(styren… …y ene-ethylene-butylene)$_n$ or a mixture of two or more of said block copolymers.

10. A gel of claim 4 shape… …form of a gel liner for lower limb or above the knee amputee prosthesis formed by injecti… …olding, extruding, spinning, casting, or dipping of said gel, wherein said gel comprises at leas… …said block copolymer of poly(styrene-ethylene-ethylene-propylene-styrene), poly(styrene-e… …e-ethylene-propylene)$_n$, poly(styrene-ethylene-ethylene-butylene-styrene), or poly(styre… …ylene-ethylene-butylene)$_n$, or a mixture of two or more of said block copolymers.

11. A composite … …sing a crystalline gelatinous elastomer composition, Gn, formed from
(i) 100 pa… weight of one or more crystalline copolymers, wherein said block copolymer is a high viscosity …ymer having a viscosity value at 5 weight percent solution in toluene at 30°C of about 90 cps a… …her which corresponds to a viscosity at 10 weight percent of about 5800 cps and higher which … …onds to a viscosity at 20 weight percent solids solution in toluene at 25°C of at about 80,000 …d higher, and from
(ii) abo… …0 to about 1,600 parts by weight of a plasticizing oil; said gelatinous elastomer compositions … …acterized by a gel gram Bloom of about 20 to about 800 gram bloom; and in combination … …n or without
(iii) … …ected amount of one or more polymers or copolymers of poly(styr… …utadiene-styrene), poly(styrene-butadiene)n, poly(styrene-isoprene)n,

poly(styrene-ethylene-propylene), poly(styrene-eth , poly(styrene-ethylene-propylene)n, poly(styrene-ethylene-butylene)n, p outylene, poly(ethylene-propylene), poly(ethylene-butylene), polypropylene, or poly ein said selected copolymer is a linear, radial, star-shaped, branched or multiarm copc n is greater than one; and wherein said composite formed from the combination G_nM_n $_nG_nM_n$, $M_nG_nG_n$, $G_nG_nM_n$, $M_nM_nM_nG_n$, $M_nM_nM_nG_nM_n$, $M_nG_nG_nM_n$, $G_nM_nM_nG_n$, $G_nM_nM_nG_n$, $G_nG_nM_nM_n$, $G_nG_nM_n$ G_nM_n, $G_nM_nG_nG_n$, $G_nG_nM_n$, $G_{1.}$,, $M_nG_nM_nG_nM_nG_n$, $G_nG_nM_nM_nG_n$, $_{1n}M_nG_nM_nG_n$, a sequential addition or ion of one or more of said Gn with Mn; wherein , en n is a subscript of M, n is the same o t selected from the group consisting of foam, plastic, fabric, glass, ceramics, synthetic ynthetic fibers; and wherein when n is a subscript of G, n denotes the same or a different g .

12. A gel composite comprising a cry elatinous elastomer composition, Gn, formed from

(i) 100 parts by weight of one ystalline block copolymers, wherein said block copolymer is a high viscosity copol g a viscosity value at 5 weight percent solution in toluene at 30°C of about 90 cps and hich corresponds to a viscosity at 10 weight percent of about 5800 cps and higher which c onds to a viscosity at 20 weight percent solids solution in toluene at 25°C of at about 80,000 and higher, and from

(ii) about 300 to about 1,60 s by weight of a plasticizing oil; said gelatinous elastomer compositions characterized by a g m Bloom rigidity of about 20 to about 800 gram bloom; and in combination with or without

(iii) a selected amount of or more polymers or copolymers of poly(styrene-butadiene-styrene y(styrene-butadiene)n, poly(styrene-isoprene)n, poly(styrene-ethylene-propyl oly(styrene-ethylene-butylene), poly(styrene-ethylene-propylene)n, poly(styrene-et -butylene)n, polystyrene, polybutylene, poly(ethylene-propylene), poly(ethylene-butylene), pc ylene, or polyethylene, wherein said selected copolymer is a linear, radial, star-shaped, branch ultiarm copolymer, wherein n is greater than one; and wherein said composite formed from th bination G_nM_n, $G_nM_nG_n$, $M_nG_nM_n$, $M_nG_nG_n$, $G_nG_nM_n$, $M_nM_nM_nG_n$, $M_nM_nM_nG_{1.}$ $M_nG_nG_nM_n$, $G_nM_nG_nG_n$, $G_nM_nM_nG_n$, $G_nM_nM_nG_n$, $G_nG_nM_nM_n$, $G_nG_nM_n$ G_nM_n, G_nM_nG ., $G_nG_nM_n$, $G_nM_nG_nM_nM_n$, $M_nG_nM_nG_nM_nG_n$, $G_nG_nM_nM_nG_n$, $G_nG_nM_nG_nM_nG_n$, a se tial addition or a permutation of one or more of said Gn with Mn; wherein when n is a subscript of n is the same or different selected from the group consisting of foam, plastic, fabric, glass, c nics, synthetic resin, or synthetic fibers; and wherein when n is a subscript of G, n denotes the sar or a different gel rigidity.

13. A composite con sing a crystalline gelatinous elastomer composition, Gn, formed from

(i) 100 parts b eight of one or more block copolymer of poly(styrene-ethylene-

butylene/ethylene-propylene-styrene), wherein sai[ ]r is a high viscosity copolymer having a viscosity value at 5 weight percent solution [ ]C of about 90 cps and higher which corresponds to a viscosity at 10 weight pe[ ]00 cps and higher which corresponds to a viscosity at 20 weight percent [ ]n toluene at 25°C of at about 80,000 cps and higher, and from

(ii) about 300 to about 1,600 parts by w[ ]cizing oil; said gelatinous elastomer ·ompositions characterized by a gel gram Bl[ ]0 to about 800 gram bloom; and in c(nbination with or without

(iii) a selected amount of one or mo[ ]or copolymers of ly(styrene-butadiene-styrene), poly(st[ ]ene)n, poly(styrene-isoprene)n, o.y\styrene-ethylene-propylene), poly([ ]lene-butylene), poly(styrene-ethylene-propylene)n, poly(styrene-ethylene-b[ ]ystyrene, polybutylene, poly(ethylene-propylene), poly(ethylene-butylene), polypropyle[ ]thylene, wherein said selected copolymer is a linear, radial, star-shaped, branched or mul[ ]mer, wherein n is greater than one; and wherein said composite formed from the combina[ ], $G_nM_nG_n$, $M_nG_nM_n$, $M_nG_nG_n$, $G_nG_nM_n$, $M_nM_nM_nG_n$, $M_nM_nM_nG_nM_n$, M_nG_n[ ]$_nM_nG_nG_n$, $G_nM_nM_nG_n$, $G_nM_nM_nG_n$, $G_nG_nM_nM_n$, $G_nG_nM_n$ G_nM_n, $G_nM_nG_nG_n$, G_nG[ ]$M_nG_nM_nM_n$, $M_nG_nM_nG_nM_nG_n$, $G_nG_nM_nM_nG_n$, $G_nG_nM_nG_nM_nG_n$, a sequential ad[ ]a permutation of one or more of said Gn with Mn; wherein when n is a subscript of M, n is th[ ]r different selected from the group consisting of foam, plastic, fabric, glass, ceramics, s[ ]resin, or synthetic fibers; and wherein when n is a subscript of G, n denotes the same or a di[ ]gel rigidity.

14. A composite comprising a c[ ]line gelatinous elastomer composition, Gn, formed from

(i) 100 parts by weight of [ ]or more crystalline copolymers, wherein said block copolymer is a high viscosity copolymer h[ ]viscosity value at 5 weight percent solution in toluene at 30°C of about 90 cps and higher whi[ ]esponds to a viscosity at 10 weight percent of about 5800 cps and higher which corresponds t[ ]cosity at 20 weight percent solids solution in toluene at 25°C of at about 80,000 cps and hig[ ]l from

(ii) about 300 to ab[ ]00 parts by weight of a plasticizing oil; said gelatinous elastomer compositions characteriz[ ]gel gram Bloom of about 20 to about 800 gram bloom; and in combination with or wit[ ]

(iii) a selected an[ ]of one or more block copolymers of poly(styrene-butadiene-styrene), poly(styrene-butadiene[ ]oly(styrene-isoprene)n, poly(styrene-ethylene-propylene)n, or poly(styrene-ethylene-[ ]ene)n; a selected amount of one or more diblock copolymers of poly(styrene-butadie[ ]poly(styrene-isoprene)n, poly(styrene-ethylene-propylene)n, or poly(styrene-ethyle[ ]ylene)n, poly(styrene-ethylene-propylene), poly(styrene-ethylene-butylene); a selected amount [ ]drocarbon resins including polystyrene, polypropylene, or polyethylene; a

selected amount of polybutylene; a selected amou... ...ly(ethylene-propylene) or poly(ethylene-butylene); a selected amount of a flan... ...ected amount of non-adhering, non-sticking modifiers; a selected amount of mic... ...gregation of gas bubbles; a selected amount of microspheres or aggregation of gas l... said selected copolymer is a linear, radial, star-shaped, branched or multiarm copol... n is greater than one; and wherein said composite formed from the combination G_nM... $_nG_nM_n$, $M_nG_nG_n$, $G_nG_nM_n$, $M_nM_nM_nG_n$, $M_nM_nM_nG_nM_n$, $M_nG_nG_nM_n$, ... $G_nM_nM_nG_n$, $G_nM_nM_nG_n$, $G_nG_nM_nM_n$, ... $_nM_n G_nM_n$, $G_nM_nG_nG_n$, $G_nG_nM_n$, G_n... , $M_nG_nM_nG_nM_nG_n$, $G_nG_nM_nM_nG_n$, ... $_nM_nG_nM_nG_n$, a sequential addition or ...on of one or more of said Gn with Mn; wherein ...en n is a subscript of M, n is the same ...selected from the group consisting of foam, plastic, fabric, glass, ceramics, syntheti... ...nthetic fibers; and wherein when n is a subscript of G, n denotes the same or a different...

15. A composite comprising a crysta... ...ous elastomer composition, Gn, formed from

(i) 100 parts by weight of one ... ...ck copolymer of poly(styrene-ethylene-butylene/ethylene-propylene-styrene ... ...n said block copolymer is a high viscosity copolymer having a viscosity value at 5 weight ... ...olution in toluene at 30°C of about 90 cps and higher which corresponds to a viscosity ... ...ht percent of about 5800 cps and higher which corresponds to a viscosity at 20 ... ...ent solids solution in toluene at 25°C of at about 80,000 cps and higher, and from

(ii) about 300 to about 1... ...s by weight of a plasticizing oil; said gelatinous elastomer compositions characterized b... ...ram Bloom of about 20 to about 800 gram bloom; and in combination with or without

(iii) a selected amoun... ...r more block copolymers of poly(styrene-butadiene-styrene), poly(styrene-butadiene)n, ...e-isoprene)n, poly(styrene-ethylene-propylene)n, or poly(styrene-ethylene-but... ...selected amount of one or more diblock copolymers of poly(styrene-butadiene)n ...tyrene-isoprene)n, poly(styrene-ethylene-propylene)n, or poly(styrene-ethylene-bu... ...n. poly(styrene-ethylene-propylene), poly(styrene-ethylene-butylene); a selected amount of a h... ...rbon resins including polystyrene, polypropylene, or polyethylene; a selected amount of polyl... ...ne; a selected amount of rubbers of poly(ethylene-propylene) or poly(ethylene-butylene) ...lected amount of a flame retardant; a selected amount of non-adhering, non-sticking modifiers ...ected amount of microspheres or aggregation of gas bubbles; wherein said selected copolymer is ...ear, radial, star-shaped, branched or multiarm copolymer, wherein n is greater than one; and ...ein said composite formed from the combination G_nM_n, $G_nM_nG_n$, $M_nG_nM_n$, $M_nG_nG_n$, G_nM_n, $M_nM_nM_nG_n$, $M_nM_nM_nG_nM_n$, $M_nG_nG_nM_n$, $G_nM_nG_nG_n$, $G_nM_nM_nG_n$, $G_nM_...G_n$, $G_nG_nM_nM_n$, $G_nG_nM_n G_nM_n$, $G_nM_nG_nG_n$, $G_nG_nM_n$, $G_nM_nG_nM_nM_n$,

$M_nG_nM_nG_nM_nG_n$, $G_nG_nM_nM_nG_n$, $G_nG_nM_nG_nM_nG$ l addition or a permutation of one or more of said Gn with Mn; wherein when n is a sub is the same or different selected from the group consisting of foam, plastic, fabric, g cs, synthetic resin, or synthetic fibers; and wherein when n is a subscript of G, n denotes t a different gel rigidity.

16. A composite comprising a crystalline s elastomer composition, Gn, formed from (i) 100 parts by weight of one or more c polymers, wherein said block copolymer is a high viscosity copolymer having a viscosity weight percent solution in toluene at 30°C of ut 90 cps and higher which corresponds t ty at 10 weight percent of about 5800 cps and higher which corresponds to a viscosity at 2 t percent solids solution in toluene at 25°C of at about 80,000 cps and higher, and from

(ii) about 300 to about 1,600 parts b at of a plasticizing oil; said gelatinous elastomer compositions characterized by a gel gra n of about 20 to about 800 gram bloom; and in combination with or without

(iii) a selected amount of one or re block copolymers of poly(styrene-butadiene-styrene), poly(styrene-butadiene)n, poly(st re oprene)n, poly(styrene-ethylene-propylene)n, or poly(styrene-ethylene-butylene)n; a ted amount of one or more diblock copolymers of poly(styrene-butadiene)n, poly(st -isoprene)n, poly(styrene-ethylene-propylene)n, or poly(styrene-ethylene-butylene)n (styrene-ethylene-propylene), poly(styrene-ethylene-butylene); a selected amount of a hydrocar esins including polystyrene, polypropylene, or polyethylene; a selected amount of polybutyle lected amount of rubbers of poly(ethylene-propylene) or poly(ethylene-butylene); a se amount of a flame retardant; a selected amount of non-adhering, non-sticking modifiers; a se amount of microspheres or aggregation of gas bubbles; wherein said selected copolymer is a line idial, star-shaped, branched or multiarm copolymer, wherein n is greater than one; and wher id composite formed from the combination G_nM_n, $G_nM_nG_n$, $M_nG_nM_n$, $M_nG_nG_n$, G_nC , $M_nM_nM_nG_n$, $M_nM_nM_nG_nM_n$, $M_nG_nG_nM_n$, $G_nM_nG_nG_n$, $G_nM_nM_nG_n$, $G_nM_nM_nG$ $_nG_nM_nM_n$, $G_nG_nM_n$ G_nM_n, $G_nM_nG_nG_n$, $G_nG_nM_n$, $G_nM_nG_nM_nM_n$, $M_nG_nM_nG_nM_nG_n$, G_n $_nM_nG_n$, $G_nG_nM_nG_nM_nG_n$, a sequential addition or a permutation of one or more of said Gn wi ; wherein when n is a subscript of M, n is the same or different selected from the group consis of foam, plastic, fabric, glass, ceramics, synthetic resin, or synthetic fibers; and wherein when n i subscript of G, n denotes the same or a different gel rigidity.

(new claim) 79. A c posite comprising a gelatinous elastomer composition, Gn, formed from (i) 100 parts weight of one or more hydrogenated styrene isoprene/butadiene block copolymers havir e formula poly(styrene-ethylene-butylene/ethylene-propylene-styrene), wherein said block copoly is a high viscosity copolymer having a viscosity value at 5 weight percent solution in toluen °C of about 90 cps and higher which corresponds to a viscosity at 10 weight

percent of about 5800 cps and higher which c[illegible] weight percent solids solution in toluene at 25°C of at about 80,000 c[illegible].

(ii) about 300 to about 1,600 parts by weight [illegible]d gelatinous elastomer compositions characterized by a gel gram Bloom [illegible]a[illegible]0 gram bloom; and in combination with or without

(iii) a selected amount of one or more bloc[illegible]mers of poly(styrene-butadiene-styrene), poly(styrene-butadiene)n, poly(styrene-isopren[illegible](styrene-ethylene-propylene)n, or poly(styrene-ethylene-butylene)n; a selected [illegible]nc of one or more diblock copolymers of oly(styrene-butadiene)n, poly(styrene-isopren poly(styrene-ethylene-propylene)n, or [illegible](styrene-ethylene-butylene)n, poly(styrer [illegible]thylene-propylene), poly(styrene-ethylene-butylene); [illegible] selected amount of a hydrocarbon resins i[illegible]ding polystyrene, polypropylene, or polyethylene; a selected amount of polybutylene; a selec[illegible]mount of rubbers of poly(ethylene-propylene) or poly(ethylene-butylene); a selected am[illegible]of a flame retardant; a selected amount of non-adhering, non-sticking modifiers; a selecte[illegible]n [illegible]of microspheres or aggregation of gas bubbles; wherein said selected copolymer is a linear, [illegible]-shaped, branched or multiarm copolymer, wherein n is greater than one; and wherein s[illegible]posite formed from the combination G_nM_n, $G_nM_nG_n$, $M_nG_nM_n$, $M_nG_nG_n$, $G_nG_nM_n$, M[illegible]$_nM_nG_n$, $M_nM_nM_nG_nM_n$, $M_nG_nG_nM_n$, $G_nM_nG_nG_n$, $G_nM_nM_nG_n$, $G_nM_nM_nG_n$, G_nG[illegible]$_nM_n$, $G_nG_nM_n$ G_nM_n, $G_nM_nG_nG_n$, $G_nG_nM_n$, $G_nM_nG_nM_nM_n$, $M_nG_nM_nG_nM_nG_n$, $G_nG_nM_nM$[illegible], $G_nG_nM_nG_nM_nG_n$, a sequential addition or a permutation of one or more of said Gn with Mn; w[illegible]rein when n is a subscript of M, n is the same or different selected from the group consisting of/ [illegible]n plastic, fabric, glass, ceramics, synthetic resin, or synthetic fibers; and wherein when n is a sub[illegible] of G, n denotes the same or a different gel rigidity.

17. A composite compri[illegible]g a crystalline gelatinous elastomer composition, Gn, formed from

(i) 100 parts by w[illegible]h[illegible]of one or more crystalline copolymers having the formula poly(styrene-ethylene-butylene/et[illegible]e-propylene-styrene), wherein said block copolymer is a high viscosity copolymer having [illegible]osi[illegible]v[illegible]alue at 5 weight percent solution in toluene at 30°C of about 90 cps and higher which corre[illegible]ds o[illegible] viscosity at 10 weight percent of about 5800 cps and higher which corresponds to a vi[illegible]y at [illegible]0 weight percent solids solution in toluene at 25°C of at about 80,000 cps and higher, a[illegible]from

(ii) abo[illegible]0 to about 1,600 parts by weight of a plasticizing oil; said gelatinous elastomer compositions c[illegible]cterized by a gel gram Bloom of about 20 to about 800 gram bloom; and in combination w[illegible]

(iii) a s[illegible]ected amount of one or more block copolymers of poly(styrene-butadiene-styrene), poly(styrene-[illegible]tadiene)n, poly(styrene-isoprene)n, poly(styrene-ethylene-propylene)n, or poly(styrene[illegible]hylene-butylene)n;

(iv) a selected amount of one or more ...ie)n, poly(styrene-isoprene)n, poly(styrene-ethylene ...utylene)n, poly(styrene-ethylene-propylene), poly(styrene-eth...

(v) a selected amount of a hydrocarbon r... ...e, polypropylene, or polyethylene, or polybutylene;

(vi) a selected amount of rubbers of ...eth... ...) or poly(ethylene-butylene);

(vii) a selected amount of a flame retardant...

(viii)a selected amount of non-adhering, n... ...s additives including antiblocking agents including tetrakis[methylene 3,-(3'5'-di-tertbuty...-4... ...roxyphenyl) propionate] methane, octadecyl ...3",5"-di-tert-butyl-4"-hydroxyphenyl) prop...o ... distearyl- pentaerythritol-diproprionate, ...iodiethylene bis-(3,5-ter-butyl-4-hydroxy) n... ...innamate, (1,3,5-trimethyl-2,4,6-tris[3,5-di-tert-butyl 4... ...roxybenzyl] benzene), 4,4"-methylenebis(2,6-di-tert-butylphenol... ...tives of stearic acid, oleic acid, stearamide, behenamide, oleamide, erucamide, N N... ...nebisstearamide, N,N"-ethylenebisoleamide, sterryl erucamide, erucyl erucamide, oleyl pa... ..., stearyl stearamide, erucyl stearamide, waxes, and silicone fluids;

(ix) a selected amount of micr... ...s, aggregation of gas bubbles, or blowing agents;

(x) one or more additives se... ...om the group consisting of polyisobutylene including polybutene, hydrocarbon resins inc... ...polymerized mixed olefins, polyterpene, glycerol ester of rosin, pentaerythritol ester of rosin... ...ated alicyclic hydrocarbon, coumarone indene, hydrocarbon, mixed olefin, alkylated aromatic hy... ...arbon, polyalphamethylstyrene/vinyl toluene copolymer, polystyrene, and elastomeric dibl... copolymers of poly(styrene-butadiene)n, poly(styrene-isoprene)n, poly(st... ...e-ethylene-propylene)n, or poly(styrene-ethylene-butylene)n, poly(styrene-butadiene)n, poly... ...ene-isoprene)n, poly(styrene-ethylene-propylene)n, or poly(styrene-ethylene-butyle... , poly(styrene-ethylene-propylene), poly(styrene-ethylene-butylene);

(xi) one or more ad... ...s selected from the group consisting of hydrocarbon resins, butyl rubber, polyisobutylene, ad... ...nal block copolymers of poly(styrene-isoprene-styrene), poly(styrene-butadiene-st... ...), poly(styrene-butadiene)n, poly(styrene-isoprene)n, poly(styrene-ethylene-propylene)n, po... ...rene-ethylene-butylene)n, polystyrene, polybutylene, poly(ethylene-propylene... ...ly(ethylene-butylene), polypropylene, polyethylene, diblock copolymers of poly(styrene-ethylene... ...opylene), poly(styrene-ethylene-butylene), stearic acid, oleic acid, stearamide, behenamid... ...oleamide, erucamide, N,N"-ethylenebisstearamide, N,N"-ethylenebisolear... ...e, sterryl erucamide, erucyl erucamide, oleyl palmitamide, stearyl stearamide, erucyl stearamide, wa..., and silicone fluids, magnetic particle materials, carbon blacks, silicon dioxide, silica, clay... ...dspar, glass microspheres, barium ferrite, wollastonite, hydrocarbon resins of polymerized mixe... ...fins, polyterpene, glycerol ester of rosin, pentaerythritol ester of rosin, saturated alicyclic hydrocar... , coumarone indene, hydrocarbon, mixed olefin, alkylated aromatic hydrocarbon;

wherein said selected copolymer is a linear, radial, st polymer,
wherein n is greater than one; and
wherein said composite formed from the combination

(xii) layers of G_nM_n, $M_nG_nM_n$, $M_nM_nG_n$, M ial addition or a permutation of one or more of said Gn with Mn wher script of M, n is the same or different selected from the group consisting of foa , glass, ceramics, synthetic resin, or synthetic fibers; and wherein when n is a subsc notes the same or a different gel rigidity.

18. A composite comprising a crystalline gelatin elastomer composition characterized by a gel ram Bloom rigidity of about 20 to about 1,800 m bloom, said composite made from

(i) a crystalline block copolymer,
(ii) a plasticizing oil,
(iii) an additive;

wherein said (i), (ii), and (iii) are mixed to ner to form said gelatinous elastomeric composition; wherein said block copolymer comprise -B-A blocks having a weight average molecular weight of at least about 300,000 or more corres ng to a measurable solution viscosity at 5 wt% solids in 95% toluene at 25oC which solutio ains a solid at 20 wt% solids in 80% toluene at 25oC which corresponds to a viscosity value a eight percent solution in toluene at 30oC of about 90 cps and higher which corresponds to a v ity at 10 weight percent of about 5800 cps and higher which corresponds to a viscosity at 2 eight percent solids solution in toluene at 25oC of about 80,000 cps and higher; said A being selec f om monoalkenylarene polymers including polystyrene; said B being a hydrogenate olymer comprising a plurality of covalently linked conjugated diene monomers includin hydrogenated polymer of isoprene/butadiene; wherein said block copolymers is of the for poly(styrene-ethylene-butylene/ethylene-propylene-styrene); wherein said plasticize rises at least 60 wt% of said gelatinous elastomer composition of said plasticizer and copolymer,

(1) said comp having layers of GnMn, GnMnMn, or MnMnGnMnMn, wherein said additi

(2) an addit selected from the group consisting of aggregation of gas bubbles formed by inert gases, and blowi agents including water,

(3) an ad ive selected from the group consisting of tack modifiers including, antiblocking agents, non-ad ring, non-sticking modifiers including tetrakis[methylene 3,-(3'5'-di-te yl-4"-hydroxyphenyl) propionate] methane, octadecyl 3-(3",5"-di -butyl-4"-hydroxyphenyl) propionate, distearyl- pentaerythritol-diproprionate, thiodieth e bis-(3,5-ter-butyl-4-hydroxy) hydrocinnamate,

(1,3,5-trimethyl-2,4,6-tris[3,5-di-tert-butyl-4-hydroxyben
4,4"-methylenebis(2,6-di-tert-butylphenol), additives of s , stearamide, behenamide, oleamide, erucamide, N,N"-ethylenebisste nebisoleamide, sterryl erucamide, erucyl erucamide, oleyl palmitamide, stear tearamide, waxes, and silicone fluids,

(4) an additive selected from the group consi of p utylene including polybutene, hydrocarbon resins including polymerized mixed s, olyterpene, glycerol ester of rosin, pentaerythritol ester of rosin, saturated alicyclic ocarbon, coumarone indene, hydrocarbon, mixed olefin, alkylated aromatic hydrocarbon, polyal ethylstyrene/vinyl toluene copolymer, polystyrene, nd elastomeric diblock copolymers of poly(ne-butadiene)n, poly(styrene-isoprene)n, poly(styrene-ethylene-propylene)n, or poly(rene-ethylene-butylene)n, poly(styrene-butadiene)n, poly(styrene-isoprene)n, polv(styrene-eth ne-propylene)n, or poly(styrene-ethylene-butylene)n, poly(styrene-ethylene-propylene), poly(rene-ethylene-butylene),

(5) an additive selected from t oup consisting of flame retardants,

(6) an additive selected from t group consisting of hydrocarbon resins, polyisobutylene including polybutene, additional b k copolymers of poly(styrene-isoprene-styrene), poly(styrene-butadiene-styrene), oly(styrene-butadiene)n, poly(styrene-isoprene)n, poly(styrene-ethylene-propylene)n, poly(styrene-ethylene-butylene)n, particulate fillers, microspheres, butadiene rubber, poly(ethylene/propylene), and poly(ethylene/butylene),

(7) an additive selected from the group consisting of poly(styrene-butadiene-styrene), polystyrene, polybutylene, poly(ethylene-propylene), poly(ethylene-butylene), polypropylene, polyethylene, diblock copolymers of poly(styrene-butadiene)n, poly(styrene-isoprene)n, poly(styrene-ethylene-propylene), poly(styrene-ethylene-butylene), poly(styrene-ethylene-propylene)n, poly(styrene-ethylene-butylene)n, stearic acid, oleic acid, stearamide, behenamide, oleamide, erucamide, N,N"-ethylenebisstearamide, N,N"-ethylenebisoleamide, sterryl erucamide, erucyl erucamide, oleyl palmitamide, stearyl stearamide, erucyl stearamide, waxes, and silicone fluids, and

(8) an additive selected from the group consisting of hydrocarbon resins of polystyrene, polymerized mixed olefins, polyterpene, glycerol ester of rosin, pentaerythritol ester of rosin, saturated alicyclic hydrocarbon, coumarone indene, hydrocarbon, mixed olefin, alkylated aromatic hydrocarbon, particulate fillers, and microspheres.